CLAIMS

What is claimed is:

1. A bearing, comprising a cylindrical bearing surface supporting a spherical journal surface.

2. A bearing, comprising a spherical surface inside and rotatable against a cylindrical surface.

3. A bearing, comprising at least part of a sphere inside and rotatable against a cylinder.

4. A bearing, comprising a bearing surface supporting a journal surface along a line.

5. The bearing of Claim 4, wherein the bearing surface comprises a cylindrical bearing surface and the journal surface comprises a spherical journal surface.

6. A device, comprising a shaft having a spherical journal surface supported inside and rotatable against a cylindrical bearing surface.

7. A device, comprising a cylindrical bearing supporting a spherical journal.

8. A device, comprising a shaft, a first spherical journal on a first part of the shaft, a second spherical journal on a second part of the shaft, a first cylindrical bearing supporting the first journal and a second cylindrical bearing supporting the second journal.

9. A sheet media feed mechanism, comprising:

a chassis;

a motor mounted to the chassis;

a rotatable shaft operatively coupled to the motor;

a roller affixed to the shaft;

an idler disposed opposite the roller, the idler and the roller engagable with one another to form a nip therebetween;

bearings mounted to the chassis and supporting the shaft, each bearing having a cylindrical inner bearing surface; and

the shaft having a spherical journal surface inside and rotatable against each bearing surface.

10. The mechanism of Claim 9, wherein each bearing includes a bushing defining the bearing surface and a body holding the bushing.

11. The mechanism of Claim 10, wherein each bushing is pressed or over-molded into the body of the bearing.

12. The mechanism of Claim 11, further comprising a part mounting each of the bearings to the chassis.

13. The mechanism of Claim 11, further comprising a part mounting each of the bearings to the chassis and the body of each bearing is integral with the mounting part.

14. A printer, comprising:

a chassis;

a print engine;

a feed mechanism operative to move media sheets along a media path through the print engine;

a printer controller configured to control the operation of the print engine and the feed mechanism; and

the feed mechanism including

a motor mounted to the chassis,

a rotatable shaft operatively coupled to the motor,

a roller affixed to the shaft,

an idler disposed opposite the roller, the idler and the roller engagable with one another to form a nip therebetween,

bearings mounted to the chassis and supporting the shaft, each bearing having a cylindrical inner bearing surface, and

the shaft having a spherical journal surface inside and rotatable against each bearing surface.